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PATENT

Case Docket No. INTV.016A

Date: October 18, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Katsavounidis, et al.  
Appl. No. : 10/092,394  
Filed : March 5, 2002  
For : SYSTEMS AND METHODS  
FOR DETECTING SCENE  
CHANGES IN A VIDEO  
DATA STREAM  
Examiner : Unknown

Group Art Unit 2613

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: United States Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202, on

October 18, 2002

(Date)

*Michael Okamoto*

Michael S. Okamoto, Reg. No. 47,831

TRANSMITTAL LETTER

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) A Supplemental Information Disclosure Statement.
- (X) A PTO Form 1449 with eighteen (18) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

*Michael Okamoto*

Michael S. Okamoto  
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Attorney of Record

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed is form PTO-1449 listing 18 references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Applicants are citing selected portions of the co-pending and related applications in accordance with the provisions of 37 C.F.R. § 1.97(a)(2)(iii). Applicants note that the applications with Application No. 10/092,366 [Attorney Docket No. INTV.005A] Application No. 10/092,376 [Attorney Docket No. INTV.006A], Application No. 10/092,353 [Attorney Docket No. INTV.007A], and Application No. 10/092,384 [Attorney Docket No. INTV.008A] share a common detailed description and share the same figures.

Applicants also note that the applications with Application No. 10/092,340 [Attorney Docket No. INTV.009A], Application No. 10/092,375 [Attorney Docket No. INTV.010A], Application No. 10/092,345 [Attorney Docket No. INTV.011A], Application No. 10/092,392 [Attorney Docket No. INTV.012A], Application No. 10/092,383 [Attorney Docket No.

**Appl. No.** : 10/092,394  
**Filed** : March 5, 2002

INTV.013A], and Application No. 10/092,394 [Attorney Docket No. INTV.016A] share a common detailed description and share the same figures.

Applicants further note that the applications with Application No. 10/092,373 [Attorney Docket No. INTV.014A] and Application No. 10/092,339 [Attorney Docket No. INTV.015A] share a common detailed description and share the same figures.

Identification herein is not an admission that any of the foregoing references are prior art to the above-captioned application.

Respectfully submitted,


KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 18, 2002

By: Michael S. Okamoto

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 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. INTV.016A	APPLICATION NO. 10/092,394
	APPLICANT Katsavounidis et al.	
	FILING DATE March 5, 2002	GROUP 2613

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	10/092,366	03/05/02	Kim, et al.			
	10/092,376	03/05/02	Katsavounidis, et al.			
	10/092,353	03/05/02	Katsavounidis, et al.			
	10/092,384	03/05/02	Kim, et al.			
	10/092,340	03/05/02	Kim, et al.			
	10/092,375	03/05/02	Kim, et al.			
	10/092,345	03/05/02	Kim, et al.			
	10/092,392	03/05/02	Katsavounidis, et al.			
	10/092,383	03/05/02	Zhao, et al.			
	10/092,373	03/05/02	Kim, et al.			
	10/092,339	03/05/02	Kim, et al.			

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
✓	M. Budagavi and J. D. Gibson, "Error propagation in motion compensated video over wireless channels," in Proc. ICIP'97, vol. 2, Oct. 1997, pp. 89-92.
✓	JinGyeong Kim, JongWon Kim and C.-C. Jay Kuo, "An Integrated AIR/UEP Scheme for Robust Video Transmission with a Corruption Model" Paper presented at ITCOM 2001 (Aug. 2001).
✓	Chang-Su Kim, Ph.D. Thesis, "On the Techniques for Robust Transmission of Video Sequence over Noisy Channel" Graduate School of Seoul National University, Department of Electrical Engineering, August 2000 pp. 1-140
✓	Seung Hwan Kim, Chang-Su Kim, and Sang-Uk Lee, "Enhanced motion compensation algorithm based on second-order prediction," Proc. ICIP-2000, vol. 2, pp. 875-878, Sept. 2000.
✓	Chang-Su Kim, Rin-Chul Kim, and Sang-Uk Lee, "Robust transmission of video sequence using double-vector motion compensation," IEEE Transactions on Circuits and Systems for Video Technology, vol. 11, no. 9, pp. 1011-1021, Sept. 2001.
✓	Lifeng Zhao, Jitae Shin, JongWon Kim, and C.-C. Jay Kuo, "FGS MPEG-4 video streaming with constant quality rate adaptation, prioritized packetization and differentiated forward," in Proc. SPIE ITCOM 2001: Video Technologies for Multimedia Applications, Denver, CO, Aug. 2001.
✓	Lifeng Zhao, JongWon Kim, and C.-C. Jay Kuo, "MPEG-4 FGS video streaming with constant-quality rate control and differentiated forwarding," in Proc. SPIE Visual Communications and Image Processing 2002, San Jose, CA, Jan. 2002.

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	